

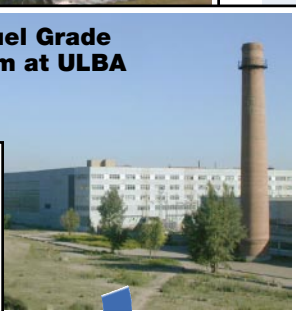


Recovery of Low Enriched Uranium (LEU) From Concentrates

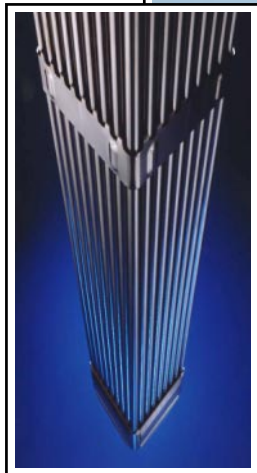
**From Useless Concentrates
in Wilmington...**



**...To Fuel Grade
Uranium at ULBA**



**...To Nuclear Fuel
from GNF**



- Current nuclear fuel fabrication results in mixing significant quantities of valuable LEU with inert concentrates
- On-site recovery of LEU from these uranium concentrates is expensive, especially in small quantities
- KazAtomProm has developed solvent extraction technology for economical, safe, and environmentally compatible recovery process
- Project partners will upgrade facilities at KazAtomProm's ULBA plant, a former Soviet nuclear weapons facility
- ULBA will demonstrate capabilities to meet international quality and safety standards
- Project goal to establish ULBA as preferred provider of LEU recovery services for U.S. partners and other global fuel fabricators

Commercialization Started



Global Nuclear Fuel – Americas
Wilmington, NC



RWE Nukem
Danbury, CT



KazAtomProm/ULBA
Oskemen, Kazakhstan



Brookhaven National Laboratory
Upton, NY